



US009409541B2

(12) **United States Patent**  
**Burry et al.**

(10) **Patent No.:** **US 9,409,541 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **INTERIOR TRIM PART FOR A MOTOR VEHICLE COMPRISING AN AIRBAG DOOR**

(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicants: **Charles Burry**, Angy (FR); **Daniel Ory**,  
Le Plessis Bouchard (FR)

5,533,749 A \* 7/1996 Leonard ..... B29C 59/007  
280/728.3

(72) Inventors: **Charles Burry**, Angy (FR); **Daniel Ory**,  
Le Plessis Bouchard (FR)

6,250,669 B1 \* 6/2001 Ohmiya ..... B60R 21/205  
280/728.2

(73) Assignee: **Faurecia Interieur Industrie**, Nanterre  
(FR)

6,322,101 B1 \* 11/2001 Suizu ..... B60R 21/2165  
280/728.3

6,854,783 B2 \* 2/2005 Teranishi ..... B60K 37/00  
296/37.12

(Continued)

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

FOREIGN PATENT DOCUMENTS

DE 102008011697 A1 9/2009  
JP 2006306230 A 11/2006

(Continued)

(21) Appl. No.: **14/526,063**

OTHER PUBLICATIONS

(22) Filed: **Oct. 28, 2014**

Search report for related French Application No. 13 62068; report  
dated Jun. 10, 2014.

(65) **Prior Publication Data**

US 2015/0151706 A1 Jun. 4, 2015

*Primary Examiner* — James English

(74) *Attorney, Agent, or Firm* — Miller, Matthias & Hull  
LLP

(30) **Foreign Application Priority Data**

Dec. 4, 2013 (FR) ..... 13 62068

**ABSTRACT**

Interior trim part for a motor vehicle comprising a body, a channel-door assembly, a sealing system and a foam layer. The body comprises a passage. The channel-door assembly is mounted on the body. The channel-door assembly comprises a channel wall and a door portion. The channel wall has an inner surface and an outer surface, the inner surface being intended to guide the deployment of an airbag, the outer surface extending along a deployment direction. The door portion is connected to the channel wall and overlies the passage. The sealing system extends around the outer surface of the channel wall, in continuous contact with the body and comprises a lip protruding from the outer surface of the channel wall. The foam layer covers the body and the door portion.

(51) **Int. Cl.**

**B60R 21/20** (2011.01)

**B60R 21/2165** (2011.01)

**B29C 44/34** (2006.01)

**B60R 21/205** (2011.01)

(52) **U.S. Cl.**

CPC ..... **B60R 21/2165** (2013.01); **B29C 44/351**  
(2013.01); **B60R 21/205** (2013.01)

(58) **Field of Classification Search**

CPC B60R 21/20; B60R 21/205; B60R 21/21506;  
B60R 2021/21506

See application file for complete search history.

**9 Claims, 2 Drawing Sheets**

